What is claimed is:

1. A method comprising communicating with a notebook computer over a wireless personal area network (WPAN) to cause the notebook computer to communicate over a network other than the WPAN.

2. The method of claim 1 wherein the network other than the WPAN comprises a wireless local area network.

3. The method of claim 2 wherein the wireless local area network comprises an 802.11 compliant network.

4. The method of claim 1 wherein the network other than the WPAN comprises a wireless wide area network.

5. The method of claim 4 wherein the wireless wide area network comprises a General Packet Radio Service (GPRS) network.

6. The method of claim 1 wherein the method is performed by a handheld communications device.

7. The method of claim 1 wherein communicating with a notebook computer over a wireless personal area network comprises communicating with a Bluetooth compliant protocol.

8. A method comprising:

receiving a request over a wireless personal area network (WPAN) to connect to a network other than the WPAN;

connecting to the network other than the WPAN; and

responding to the request over the WPAN.

9. The method of claim 8 further comprising connecting to the network in response to the request.

10. The method of claim 9 further comprising synchronizing information in a personal information manager.

11. The method of claim 9 further comprising downloading email.

12. The method of claim 9 further comprising notifying a device that made the request.

13. The method of claim 8 wherein the request includes a request to connect to a corporate network.

14. The method of claim 13 wherein the request to connect to a corporate network comprises connecting using cached credentials.

15. The method of claim 8 wherein the request includes a request to connect to an access point in a wireless local area network.

16. The method of claim 15 wherein the request to connect to an access point comprises connecting to an 802.11 compliant access point.

17. The method of claim 8 wherein the request includes a request to connect to a wireless wide area network.

18. The method of claim 17 wherein the request to connect to a wireless wide area network comprises connecting to a General Packet Radio Service (GPRS) network.

19. An apparatus comprising:

a wireless personal area network (WPAN) interface;

a wireless local area network (WLAN) interface; and

a controller to access the WPAN interface and the WLAN interface, and to access memory shared with a microprocessor in a computer while the microprocessor is in a low power state.

20. The apparatus of claim 19 wherein the WPAN interface comprises a Bluetooth compatible interface.

21. The apparatus of claim 19 wherein the WLAN interface comprises an 802.11 compatible interface.

22. The apparatus of claim 19 wherein the controller is configured to communicate with a Bluetooth enabled device using the WPAN interface and an 802.11 compatible device using the WLAN interface while the microprocessor is in the low power state.

23. An apparatus including a medium to hold machine-accessible instructions that when accessed result in a machine performing:

communicating with a notebook computer over a wireless personal area network (WPAN) to cause the notebook computer to communicate over a network other than the WPAN.

24. The apparatus of claim 23 wherein the network other than the WPAN comprises a wireless local area network.

25. The apparatus of claim 23 wherein communicating with a notebook computer over a wireless personal area network comprises communicating with a Bluetooth compliant protocol.

26. An electronic system comprising:

a wireless personal area network (WPAN) interface;

a wireless local area network (WLAN) interface;

a plurality of antennas coupled to the WLAN interface;

a microprocessor capable of entering a low power state;

shared memory coupled to the microprocessor; and

a controller to access the WPAN interface and the WLAN interface, and to access the shared memory while the microprocessor is in the low power state.

27. The electronic system of claim 26 wherein the WPAN interface comprises a Bluetooth compatible interface.

28. The electronic system of claim 26 wherein the WLAN interface comprises an 802.11 compatible interface.

29. The electronic system of claim 26 wherein the electronic system comprises a notebook computer.